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Application Number

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

SUBMITTED BY

Name (Print/Type) Chad J. Billings

Signature

FFF TDANGMITTAL

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.5(e)), the application size fee due is \$270 (S135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(3) and 37 CFR 1.1(e).  Total Sheets    Number of each additional 50 or fraction thereof   100   100   100   100   100   100		<b>'-</b>	riling Date		July 7, 2005				
Applicant claims arnall entity status. See 37 CFR 1.27   TOTAL AMOUNT OF PAYMENT (check all that apply)   At Unit   2625	For FY 2009				First Named Inve	entor	Satoshi YAMANAKA		
TOTAL AMOUNT OF PAYMENT (\$) 940.00 Attorney Docket No. 0925-0220PUS1  METHOD OF PAYMENT (check all that apply)  Check Credit Card Money Order None Other (please identify):  Deposit Account Deposit Account, the Director is hereby authorized for (check all that apply)  Cherge fee(s) indicated below. Experiment of fee(s) order (check all that apply)  Charge fee(s) indicated below. Experiment of fee(s) order (check all that apply)  Charge fee(s) indicated below. Experiment of fee(s) order (check all that apply)  Charge fee(s) indicated below. Experiment of fee(s) order (check all that apply)  Charge fee(s) indicated below. Experiment of fee(s) order (check all that apply)  Charge fee(s) indicated below. Experiment of fee(s) order (check all that apply)  Charge fee(s) indicated below. Experiments of fee(s) order (check all that apply)  Charge fee(s) indicated below. Experiments or (check all that apply)  Charge fee(s) indicated below. Experiments or (check all that apply)  Charge fee(s) indicated below. Experiments or (check all that apply)  Charge fee(s) indicated below. Experiments or (check all that apply)  Charge fee(s) indicated below. Experiments or (check all that apply)  Charge fee(s) indicated below. Experiments of fee(s) or (check all that apply)  Charge fee(s) indicated below. Experiments of fee(s) or (check all that apply)  Charge fee(s) indicated below. Experiments of fee(s) or (check all that apply)  Charge fee(s) indicated below. Experiments of fee(s) or (check all that apply)  Charge fee(s) indicated below. Experiments of fee(s) or (check all that apply)  EXAMINATION FEES  FEE (S) Fee (8) Fe	Applicant claims small entity status, Sec 27 CER 1 27				Examiner Name R.		R. Z. Zhu		
METHOD OF PAYMENT (check all that apply)					Art Unit 262		2625	325	
Check Credit Card Money Order Deposit Account Name:    Deposit Account Deposit Account Number: 02-2448   Deposit Account Name: For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	TOTAL AMOUNT OF PAYMENT (\$) 940.00			Attorney Docket No. 0925		0925-0220PUS1	25-0220PUS1		
Deposit Account Deposit Account Number; 02:2448   Deposit Account Name;	METHOD OF PAYMENT (check all that apply)								
Application Type	Deposit Account Deposit Account Number 022448								
Application Type	FEE CALCULATION								
ABDIDICATION SIZE FEE   Fee (3)   Fee (4)   Fee (5)   Fee (5)   Fee (5)   Fee (5)   Fee (5)   Fee (6)	FILING FEES SEARCH FEES EXAMINAT Small Entity Small Entity Sr								
Design   220   110   100   50   140   70   0.00     Plant   220   110   330   165   170   85   0.00     Plant   220   110   330   165   170   85   0.00     Provisional   220   110   0   0   0   0   0   0     Provisional   220   110   0   0   0   0   0   0     Provisional   220   110   0   0   0   0   0   0     Each independent claim over 3 (including Reissues)   52   26     Each independent claims over 3 (including Reissues)   220   110     Dack claim over 20 (including Reissues)   220   110     Multiple dependent claims   Each independent   Each independen							(\$) Fee (\$)		
Plant   220   110   330   165   170   85   0.00	•				270	220	110	-	
Reissue 33 0 165 540 270 650 325 0.00  Provisional 220 110 0 0 0 0 0 0 0 0 0.00  Each claim over 20 (including Reissues) 520 20 10  Each claim over 20 (including Reissues) 520 110  Multiple dependent claims over 3 (including Reissues) 220 110  Multiple dependent claims over 3 (including Reissues) 520 110  Multiple dependent claims over 3 (including Reissues) 620 110  Multiple dependent claims over 3 (including Reissues) 700 100  Fee Paid (\$1 0 0.00  Fee Paid (\$2 0.00  Fee Paid (\$3 0.00  Fee Paid (\$4 0.00  Fee Paid (\$5 0.				100	50	140	70		
Provisional   100   0   0   0   0   0   0   0   0			110	330	165	170	85		
2. EXCESS CLAIM FEES    Fee Description   Fee Stand	Reissue	330	165	540	270	650	325		
Fee Description  Each claim over 20 (including Reissues)  Each laim over 20 (includin	Provisional Provisional	220	110	0	0	0	0	0.00	
- 20 or IPP = 0 x = 0.00 Fee (5) Fee Paid (5) 0.00  Index Claims Extra Claims Fee (8) Fee Paid (6) 0.00  Index Claims Set of Claims Fee (8) Fee Paid (6) 0.00  IPP = highest number of lost claims paid for, if greater than 3.  APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Fee (5) Fee Paid (5) Fee	Fee Description         Fee (5)         Fee (5)           Each claim over 20 (including Reissues)         52         26           Each independent claim over 3 (including Reissues)         220         110								
-3 or IP = 0 x = 0.00.    The P- highest number of undependent claims pand for, if greater then 3.   APPLICATION SIZE FEE     If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.5(2e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof See 35 U.S.C. 41(4)(1/4)(3) and 37 CFR 1.16(2e).   Total Sheets   String Sheets   Number of seach additional 50 or fraction thereof See 50 U.S.C. 41(4)(4)(3) and 37 or fraction thereof See 50 U.S.C. 41(4)(4)(3) and 37 or fraction thereof See 50 U.S.C. 41(4)(4)(3) and 37 or fraction thereof See 50 U.S.C. 41(4)(4)(3) and 37 or fraction thereof See 50 U.S.C. 41(4)(4)(4)(4) and 37 or fraction thereof See 50 U.S.C. 41(4)(4)(4)(4) and 37 or fraction thereof See 50 U.S.C. 41(4)(4)(4)(4)(4)(4) and 37 or fraction thereof See 50 U.S.C. 41(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(	-20 or HP = 0 x = 0.00 Fee (\$)							Fee Paid (\$)	
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.2(e)), the application size fee due is \$2.70 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.1(e)).    Seator Sheets   Number of each additional 50 or transition thereof   Fee (5)   Fee Paid (5)	-3 or HP = 0 x = 0.00  HP = highest number of independent claims paid for, if greater than 3.								
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)  0.00	If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 3 TCFR 1.5(e)), the application size fee due is \$270 (813 5 for small entity) for each additional 5 o sheets or fraction thereof. See 35 U.S.C. 41(e)(1)(d) and 37 CFR 1.16(e).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (5) Fee Paid (5)								
	4. OTHER FEE(S) Non-English Specifica	Fees Paid (\$)							

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the Instruction or mormation is required by 3 of LH 1.15e. In estimation is required to obtain or retain a benefit by the public which is to life (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 12 and 37 CPR 1.14. This Collection is estimated to late 30 minutes to complete, including alpharing, preparing, and submitting the completed applications from the USPTO. Then will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or supervised the submitted process that the process of the process

Registration No. 48917 (Attomey/Agent)

Telephone 703-205-8000

Date April 29, 2010